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Images Description and Claims (60 Kb)

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT
COOPERATION TREATY (PCT)

(11) WO 2004/041639

(13) A1

(21) PCT/EP2003/012374

(22) 06 November 2003 (06.11.2003)

(30) 02079650 06 November 2002 EP
(06.11.2002)

(43) 21 May 2004 (21.05.2004)

(51)⁷ B64C 1/14, E05F 15/02, F15B 15/19

(54) EMERGENCY DOOR ACTUATOR SYSTEM

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(81) AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

(84) ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

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Declaration under Rule 4.17

-- of inventorship (Rule 4.17(iv)) for the following designation US

Published

-- with international search report

-- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(57) An emergency door opening apparatus for use on an aerospace vehicle for moving a door of the vehicle from a closed position to an open position. The apparatus includes a fluid cylinder (16) and piston (18) operatively connected to the door and to the vehicle and a supply of gas generating chemicals (24) which, when ignited, are operable to rapidly generate and supply to the fluid cylinder (16) a sufficient amount of gas to move the fluid cylinder (16) and piston (18) to effect opening of the door.



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